



## THROUGH WALL SYSTEMS SHEET 1 OF 3

### Product: TekStar Through-Wall System Single Drop Catalog #: 10-8800

Date of Revision: July 14, 2011. Go to [www.jmcgroupstores.com](http://www.jmcgroupstores.com) for all updates.  
Specifications are subject to change without notice. MADE IN THE USA

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#### **INCLUDED WITH THIS SYSTEM:**

A complete easy to install through wall system with state of the art features for today's advanced libraries. The system includes the faceplate with Kwik Drop depository, attached chute housing with entry chute; slide chute, and Airbloc system plus all features listed below.  
The design allows it to be installed in walls up to 14 inches thick.

#### **TRANSPORT CARTS USED WITH THIS SYSTEM:**

Compatible with Kingsley's Ultra capacity 39" high transport cart series. TekStar is also compatible with most conveyer systems.

#### **ACCESSORIES FOR THIS SYSTEM**

TekStar Thick Wall Extension 10-8800-EXT(for walls more than 14" thick)

TekStar RFID Extension 10-8800-RFID

TekStar Convenient Center 19-8000(optional printer setup)

Braille Tag: 99-8100 book drop; 99-8105 video drop

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#### **THROUGH WALL EXTERIOR CONSTRUCTION/FEATURES**

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<b>Construction Materials:</b>	16-gauge stainless steel exterior faceplate and depository door Stainless steel and anti graffiti clear coat.
<b>Construction Methods:</b>	The depository door is flush mounted and opens inward and down. It is also spring loaded with bearings for slow closer allowing it to automatically close after materials have passed through. All edges are honed smooth.

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#### **THROUGH WALL INTERIOR CONSTRUCTION/FEATURES**

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<b>Construction Materials:</b>	Chute Housing: .040 inch aluminum housing. Entry Chute: .063 inch aluminum and angled upwards. Slide Chute: .063 inch thick Aluminum Air Bloc: Neoprene (40 Duro) Rubber panels. All edges are honed smooth.
<b>Construction Methods:</b>	The chute housing has four sides, extends 14 inches from the faceplate and will cover the wall rough cuts when installed. The entry chute has an upward and downward angle to prevent theft The Slide Chute is equipped with an un-lockable interlocking system, which has the ability to pivot allowing access to the electronics and some flexibility in the angle of the chute for special applications. Interior locking and unlocking switch is located at the rear of the unit along the top panel. There are vinyl die cut graphics that indicate the locked and unlocked position of the unit The neoprene rubber Airbloc panels are attached to the rear of the unit with Nylon Rivets

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## 10-8800 TekStar Through-Wall System Single Drop - Continued

### SYSTEM FEATURES

<b>Electronics/ Electrical</b>	Operates on standard 110/115V electrical ground fault circuit. Includes plug and knock out for direct wiring conduit. All interior components and wiring are 12V DC wired to a central converter. All components are UL or CL listed Fused power inlet
<b>Weather Resistance:</b>	Auto closing and sealed depository door helps to prevent the entry of rain and snow. Will not blow open in most winds. Weather stripping on the inside edges of the faceplate and around door provides further protection from inclement weather.
<b>Liquid Diversion</b>	Most of the liquid entering the system through the depository opening are captured by the upward angle of the entry chute, drops down into a channel, and is directed to the exterior of the building via plastic tubing.
<b>Air Draft Prevention:</b>	The Air Bloc system helps to eliminate drafts caused when the depository door is opened. It helps stabilize outside air temperature before it enters the building.
<b>Theft Deterrence:</b>	The angle of the entry chute, length of the slide chute and the Airbloc system prevent reaching inside through the depository door and block phishing of materials with a claw apparatus.
<b>Locking Method:</b>	Electronic locking mechanism enabled from inside the building. LED indicator lights illuminate when locked or ready A PIR motion sensor controls the locking mechanism keeping the unit locked until someone approaches.
<b>Fire Suppression:</b>	Built in detectors automatically lock the depository door when smoke or extreme heat are detected.
<b>Safety</b>	Depository door locks and unit disables itself if the GFI trips preventing the possibility of being shocked.
<b>Lighting:</b>	Backlit sign easily guides patrons to the return and also doubles as a safety light for the area. Photocell controls lighting, saving energy by keeping the lights off during well lit hours and only turning on during dark hard to see hours of dusk and night.
<b>ADA Compliancy:</b>	ADA compliant when properly installed
<b>Available Wording:</b>	BOOKS, MEDIA, OR LIBRARY RETURN. LIGHTED PANEL ALWAYS READS LIBRARY RETURN
<b>Thick wall Extension</b>	<b>(See Separate Spec Sheet For Full Details)</b>
<b>Shell Material:</b>	.040 inch Aluminum
<b>Slide Material:</b>	.063 inch Aluminum
<b>Shell Dimensions:</b>	20 1/16 W x 18 1/8 H x 14 1/2 D
<b>Slide Dimensions:</b>	21 1/2 L x 17 11/16 W x 1/4 H
<b>Construction:</b>	Utilizes aluminum rivets
<b>Installation:</b>	Thick wall Extension unit telescopes over standard TekStar unit and mounts into the wall with screws via the mounting holes located along the sides and bottom of the unit.

## 10-8800 TekStar Through-Wall System Single Drop - Continued

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### **RFID Extension (See Separate Spec Sheet for Full Details)**

<b>Shell Material:</b>	.040 inch Aluminum
<b>Slide Material:</b>	1/4 inch Clear Lexan
<b>Shell Dimensions:</b>	20 1/16 W x 18 1/8 H x 14 1/2 D
<b>Slide Dimensions:</b>	21 1/2 L x 17 11/16 W x 1/4 H
<b>Construction:</b>	Utilizes aluminum rivets
<b>Installation:</b>	RFID Extension unit telescopes over standard TekStar unit and mounts into the wall with screws via the mounting holes located along the sides and bottom of the through-wall.

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### **TEK STAR DIMENSIONS**

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<b>Overall Finished:</b>	22½"W x 20½"H x 14-1/8"D [565.2mmW x 520.7mmH x 358.8mmD]
<b>Depository opening:</b>	18"W x 3¼"H [457.2mmW x 82.6mmH]
<b>Product Weight:</b>	28 lbs [12.70 kg]
<b>Shipping Method/Class:</b>	Shipped assembled Ground or LTL/Class 150

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**INSTALLATION** (Rough cut only; please visit [www.jmcgroupstores.com](http://www.jmcgroupstores.com) for complete instructions)

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<b>Rough Cut dimensions and trim:</b>	33-1/8" [841.4mm] from exterior floor to bottom of cut out. Rough cut opening 20¼W x 18-5/16"H [514.4mmW x 465.1mmH] all the way through wall. 1/4" [6.35mm] trim on the top, bottom and sides of opening.
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